

AMENDMENTS IN THE CLAIMS

1. (currently amended) A pest eradication product comprising an antibody or an antibody fragment directed against the microvilli in the midgut region of an imported fire ant queen, wherein said antibody or antibody fragment is fused to a toxin, wherein said antibody is secreted from a hybridoma selected from the group consisting of FA1 (PTA-4703), FA4 (PTA-4704), FA7 (PTA-4705), FA8 (PTA-4706), FA9 (PTA-4707), FA10 (PTA-4708), FA13 (PTA-4709), FA14 (PTA-4710), FA15 (PTA-4711), and FA17 (PTA-4712).

2. (canceled)

2. (original) The pest eradication product of claim 1, wherein said toxin is selected from the group consisting of gelonin, bacterial endotoxin, ribosome inactivating proteins, pro-apoptotic agents, cell cycle blockers, cell proliferation inhibitors, and cell differentiation inhibitors.

3. (canceled)

3. (currently amended) A pest eradication product comprising a first antibody or fragment thereof directed against the microvilli in the midgut region of an imported fire ant queen a pest, wherein said first antibody or fragment thereof is fused to a second antibody or fragment thereof directed against an antigenic epitope of a toxin, and a toxin, wherein said first antibody is secreted from a hybridoma selected from the group consisting of FA1 (PTA-4703), FA4 (PTA-4704), FA7 (PTA-4705), FA8 (PTA-4706), FA9 (PTA-4707), FA10 (PTA-4708), FA13 (PTA-4709), FA14 (PTA-4710), FA15 (PTA-4711), and FA17 (PTA-4712), said second antibody is secreted from a hybridoma selected from the group consisting of G1 (PTA-4713), G2 (PTA-4714), G3 (PTA-4715), G4 (PTA-4716), G5 (PTA-4717), G6 (PTA-4718), and G7 (PTA-4719).

8. (canceled)

4 ³ 9. (original) The pest eradication product of claim 7, wherein said toxin is selected from the group consisting of gelonin, bacterial endotoxin, ribosome inactivating proteins, pro-apoptotic agents, cell cycle blockers, cell proliferation inhibitors, and cell differentiation inhibitors.

10-14. (canceled)

5 15. (previously amended) A method of killing an imported fire ant queen, comprising the step of contacting said fire ant queen with the pest eradication product of claim 1.

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19. (canceled)

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